



Power Supply Features

- 3-phase, 320~600VAC wide range input (2-phase and DC operation also possible)
- Built-in "active" PFC (except XTR-240="passive")
- High efficiency up to 96%
- Protection: Short circuit / Overload / Over voltage / Over temperature
- Fan-less design, cooling by free air convection
- Built-in 150%~200% peak constant current limit
- Built-in DC OK relay contact
- Can be installed on DIN rail TS-35/7.5 or 15
- Built-in Remote ON/OFF control for XTR-480/960
- Current sharing up to 3840W (3+1) for XTR-480/960
- Lever-Actuated (LA) or Plug-In (PI) terminal options
- 5 year warranty

General Specifications (Please refer to www.procontechnology.com.au for detailed specs)

Model No.		XTR-240	XTR-480	XTR-960
AC input voltage range		3-phase 320~600VAC (2-phase operation possible); 450~800VDC		
AC input current (typ.)		0.69A / 400VAC, 0.6A / 500VAC	0.85A / 400VAC, 0.7A / 500VAC	2.0A / 400VAC, 1.4A / 500VAC
AC inrush current (typ.)		Cold start, 10A		
DC adjustment range		12V: 12V~15V(except XTR-960), 24V: 24~29V, 36V: 36V~42V, 48V: 48~55V		
Overload protection		105~200% rated output power for more than 5 secs then constant current limiting, unit will hiccup if Vo < 30% 105~150% rated output power for more than 5 secs then constant current limiting, unit will hiccup if Vo < 30% (XTR-240)		
Overvoltage protection	Range	12V:15~18V 24V:30~36V 36V:45~54V 48V:56~65V 12V:15~18V(XTR-480) 24V:30~35V 36V:43~50V 48V:56~65V		
	Type	Shut down o/p voltage, re-power on to recover (XDR-480/960) Hiccup mode, recovers automatically after fault is removed (XDR-240)		
Over temp. protection		Shut down output voltage, recovers automatically after temperature goes down		
Withstand voltage		I/P-O/P: 4.87kVAC, I/P-FG: 2.5kVAC, O/P-FG: 0.5kVAC, O/P-DC OK: 0.5kVAC		
Isolation resistance		>100MΩ @500VDC		
Working temperature		-40°C ~ +85°C (refer to output derating curve)		
DC OK signal		Relay Contact 30VDC 1A, 30VAC 0.5A resistive load		
Leakage current		< 2mA at 530VAC	< 3.5mA at 530VAC	
Vibration		10~500Hz, 2G 10 minutes / 1 cycle, period of 60 minutes each a long X, Y, Z axes		
Safety standards		UL121201, UL61010, EN62368-1, EN61558-1/-2-16, EN61010, IEC62368-1, IEC61558-1, IEC61010;RCM, AS/NZS62368-1, AS/NZS61558-1/-2-16, BSMI CNS15598-1, CCC GB4943.1, EAC TPTC004 approved, Marine DNV (GL type)		
EMC standards		EN55032/EN61204-3 class B, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55035, EN61000-6-2		
Connections		I/P: 4 poles, O/P: 4 poles screw terminals	LA=Lever Actuated, PI=Plug-In (options)	I/P: 4 poles, O/P: 6 poles
Dimensions (WxHxD)		48x125.2x125mm	63x125.2x125mm	96x125.2x132mm
Weight		0.99kg	1.18kg	2.18kg

240W		XTR-240		
Model No.	Output	Tol.	R&N	Eff.
XTR-240-12□	12V, 0~15A	±1.0%	100mV	88.7%
XTR-240-24□	24V, 0~10A	±1.0%	100mV	92.5%
XTR-240-36□	36V, 0~6.7A	±1.0%	120mV	92.5%
XTR-240-48□	48V, 0~5A	±1.0%	120mV	93.5%

960W		XTR-960		
Model No.	Output	Tol.	R&N	Eff.
XTR-960-24□	24V, 0~40A	±1.0%	120mV	95.0%
XTR-960-36□	36V, 0~26.7A	±1.0%	150mV	95.5%
XTR-960-48□	48V, 0~20A	±1.0%	150mV	96.0%

□ blank = screw terminal, LA = Lever Actuated, PI = Plug-In

480W		XTR-480		
Model No.	Output	Tol.	R&N	Eff.
XTR-480-12□	12V, 0~30A	±2.0%	120mV	93.0%
XTR-480-24□	24V, 0~20A	±1.0%	120mV	94.0%
XTR-480-36□	36V, 0~13.3A	±1.0%	150mV	94.5%
XTR-480-48□	48V, 0~10A	±1.0%	150mV	95.5%

XTR Vs TDR



Tol = voltage tolerance; R&N = Ripple & Noise (peak to peak); Eff = Efficiency